



**King County**  
**ENVIRONMENTAL SCIENTIST II**  
**DEPARTMENT OF NATURAL RESOURCES AND PARKS**  
**WATER AND LAND RESOURCES DIVISION**

Hourly Rate Range \$25.36 - \$32.13  
Job Announcement No.: 03ES3598  
OPEN: 10/1/03 CLOSE: 10/15/03

**WHO MAY APPLY:** This career service position is open to all King County career service employees, executive branch regular exempt employees, current probationary employees who achieved career service status in a previous position and the general public.

**WHERE TO APPLY:** Required forms and materials **must** be sent to: **Michelle Kobuki, Human Resources, 201 South Jackson Street, Suite 600, M.S. KCS-NR-0600, Seattle, WA 98104.** Applications materials must be received by 4:30 p.m. on the closing date. (Postmarks are NOT ACCEPTED.) Contact at (206) 296-1935 for questions regarding this announcement. Contact (206) 205-8782 for application requests or download from the Internet at: <http://www.metrokc.gov/ohrm/jobs/JobApplications.htm>

**PLEASE NOTE:** Applications not received at the location specified above may not be processed.

**FORMS AND MATERIALS REQUIRED:** A [King County application form](#), resume, supplemental materials listed below, and letter of interest detailing your background and describing how you meet or exceed the requirements are required.

**WORK LOCATION:** King Street Center, 201 South Jackson Street, Seattle, and various stream, lake, wetland and upland field locations.

**WORK SCHEDULE:** This full-time position is overtime eligible. The workweek is normally 8:00 a.m. to 4:30 p.m., Monday through Friday.

**JOB DESCRIPTION:** The person in this position will plan and conduct monitoring and technical assessment projects and programs to evaluate impacts to surface waters (rivers, streams, lakes and wetlands) and assess the effectiveness of watershed and habitat conservation plans, regulations, restoration projects and regulations. Monitoring and assessment activities include habitat surveys, fish/wildlife surveys, evaluation of surface water-groundwater interactions, water quality and water quantity assessments, etc. The person in this position provides technical assistance to Endangered Species Act (ESA) efforts, the Normative Flow Project other county programs, consultants, other jurisdictions and the general public.

**PRIMARY JOB FUNCTIONS INCLUDE:**

- Collect physical, chemical and biological data in lakes, rivers, streams and wetlands to evaluate effectiveness of plans, programs, projects and restoration activities in lakes, rivers, streams and wetlands.
- Conduct fish surveys, stream, wetland and upland habitat surveys, vegetation surveys, geomorphology and hydrology assessments, aquatic macroinvertebrate surveys, and wildlife assessments.
- Compile land use, zoning and management activity information for evaluation of habitat acquisition projects correlation to stream and biota conditions.
- Sample water quality and water quantity during storm events and during summer dry seasons to evaluate impacts and effectiveness of watershed plans/projects.
- Evaluate effectiveness of stream and wetland restoration/enhancement projects, surface water management facilities, mitigation projects, and Best Management Practices (BMPs), using accepted monitoring techniques.

- Organize and analyze physical, chemical and biological data; correlate corresponding land cover/ land use and management activities data.
- Write memos, issue papers and technical reports to summarize findings.
- Coordinate field assistance; train and schedule other staff members and volunteers, provide technical guidance to technicians and interns.
- Coordinate with other agencies, Tribes, jurisdictions, citizen groups.
- Track, schedule, and request access permission from property owners.
- Order and maintain field/office equipment and supplies for projects.
- Obtain necessary permits and coordinate with appropriate agencies and organizations.
- Disseminate information to citizens, tribes and other agencies. Make presentations as requested.
- Respond to data and information requests.

**QUALIFICATIONS:**

- Bachelor's degree in biology, ecology, fisheries, natural resource management, or a related field and 3 (three) years of experience in fisheries, resource conservation and management, environmental regulation/protection or a related area, or equivalent education/experience.
- Knowledge of stream/wetland/wildlife ecology, fisheries biology, hydrology, water quality/water chemistry and watershed management. Understanding of key resource issues currently facing region - Pacific Northwest, e.g., ESA.
- Ability to read and interpret plans, maps, specifications and drawings and apply to actual field conditions.
- Ability to use and interpret GIS software – ArcView and commonly used computer software and statistical packages (Word, Excel, Access, SPSS, etc.).
- Ability to apply and interpret statistical tests and evaluations used with ecological and water quality/water quantity data sets.
- Ability to prepare technical reports, memos, issues papers and prepare activity logs and records.
- Ability to work long hours outside and occasionally in inclement weather.
- Ability to exercise initiative, tact and judgement and resolve conflicts effectively in the conduct of work activity.
- Ability to communicate effectively in person and in writing with a wide variety of individuals.
- Ability to work successfully in interdisciplinary and inter-jurisdictional technical teams.
- Ability to establish and maintain effective working relationships with other employees, other governmental, agencies, general public, builders, and developers.
- Must be able to perform and have experience in all primary job functions.

**DESIRABLE QUALIFICATION:**

Knowledge of King County policies and procedures, knowledge of pertinent federal (ESA, Clean water Act [CWA]) and state legislation, and ability to apply pertinent codes, ordinances and regulations.

**NECESSARY SPECIAL REQUIREMENTS:** A valid Washington State Driver's License or the ability to travel throughout the County in a timely manner. An offer of employment will be contingent on the success of a pre-employment physical examination.

**UNION MEMBERSHIP:** Positions in this classification are represented by Local 17A, the International Federation of Professional and Technical Engineers.

**Supplemental:** Submit a copy of a recent technical report.

The information you provide will help to determine your eligibility for further consideration.

- The report should contain a description of the project/program, description of methods, analysis of data and discussion of results from a monitoring and assessment project, e.g., fisheries/habitat survey.
- The report should be in acceptable scientific format with GIS (ArcView) derived maps.
- The report should be dated within the last two years.